JRM:dks 5/16/05

PATENT
Attorney's Matter No. P0392S

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Rodriguez et al.

Application No.: 09/938,870

Filed: August 23, 2001

For: DIGITAL WATERMARKS FOR
CHECKING AUTHENTICITY OF
PRINTED OBJECTS

Examiner: C. Brown

Date: May 16, 2005

Art Unit 2134

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Attorney for Applicant

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Applicants submit herewith information of which they are aware, and which they believe may be material to the examination of the application and in respect of which there may be a duty to disclose in accordance with 37 C.F.R. § 1.56. The information is listed on the attached Form PTO-1449. Copies of the cited unpublished patent application documents, foreign patent publications and non-patent publications are enclosed.

This information disclosure statement is being filed after the mailing date of a First Office Action on the merits and before the first mailing date of Final Office Action (37 C.F.R. § 1.113), or Notice of Allowance (37 C.F.R. § 1.311).

The submission of information on the attached Form PTO-1449 is not intended as an admission that any such information constitutes prior art against the claims of the application under examination. Applicants do not waive any right to take any appropriate action to antedate or otherwise remove any information from the attached Form PTO-1449.

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05/18/2005 SSESHE1 00000002 501071 09938870
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Respectfully submitted,

DIGIMARC CORPORATION

By

Joel R. Meyer
Registration No. 37,677

INFORMATION DISCLOSURE STATEMENT	Docket: P0392	Ser. No.: 09/938,870
	Applicant: Rodriguez et al.	
	Filed: August 23, 2001	Group: 2134

US Patent Documents

Ex'r Initial	Number	Date	Inventor	Class
	4081132	3/28/78	Pearce.	
	4550395	10/29/85	Carlson.	
	5315098	6/24/94	Tow.	
	5617119	4/1/97	Briggs et al.	
	5652626	7/29/97	Kawakami et al.	
	5664018	9/2/97	Leighton	
	5734752	3/31/98	Knox.	
	5752152	5/12/98	Gasper et al.	
	5761686	6/2/98	Bloomberg.	
	5809139	9/15/98	Girod.	
	5825892	10/2/98	Braudaway et al.	
	5850481	12/15/98	Rhoads	
	5850481 C1	7/26/02	Rhoads	
	5857038	1/5/99	Owada.	
	5915027	6/22/99	Cox et al.	
	5933798	8/3/99	Linnartz.	
	5951055	9/14/99	Mowry.	
	5974548	10/26/99	Adams.	
	6104812	8/15/00	Koltai et al.	
	6122403	9/19/00	Rhoads	
	6128411	10/3/00	Knox.	
	6246777	6/12/01	Agarwal et al.	
	6252675	6/26/01	Jacobs.	
	6256110	7/3/01	Yoshitani.	
	6289108	9/11/01	Rhoads	
	6311214	10/30/01	Rhoads	
	6321648	11/27/01	Berson et al.	
	6332031	12/18/01	Rhoads et al.	
	6343138	1/29/02	Rhoads	
	6345104	2/5/02	Rhoads	
	6351815	2/26/02	Adams	
	6359985	3/19/02	Koch et al.	
	6369904	4/9/02	Bhattacharjya et al.	
	6384935	5/7/02	Yamazaki.	
	6389151	5/14/02	Carr et al.	
	6574350	6/3/03	Rhoads et al.	
	6608919	8/19/03	Alattar	
	6614914	9/2/03	Rhoads et al.	
	6636615	10/21/03	Rhoads et al.	
	6694041	2/17/04	Brunk	
	6724912	4/20/04	Carr et al.	

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INFORMATION DISCLOSURE STATEMENT	Docket: P0392		Ser. No.: 09/938,870
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	6754377	6/22/04	Rhoads	
	6760464	7/6/04	Brunk	
	6748533	6/8/04	Wu et al.	
	6778800	8/17/04	Shim et al.	
	6785815	8/31/04	Serret-Avile et al.	
	2001/0024510	9/27/01	Iwamura.	
	2001/0030769	10/18/01	Jacobs.	
	2001/0053299	12/20/01	Matsunoshita et al.	
	2002/0002679	1/3/02	Murakami et al.	
	2002/009208	1/24/02	Alattar et al.	
	2002/0012447	1/31/02	Amidror et al.	
	2002/0105679	8/8/02	Haynes.	
	2002/0012445	1/31/02	Perry	
	2002/0080396	6/27/02	Silverbrook	
	2002/0126871	9/12/02	Hannigan et al.	
	2002/0150246	10/17/02	Ogino	
	2002/0168087	11/14/02	Petrovic	
	2002/0176114	11/28/02	Zeller et al.	
	60/263,987	1/24/01	Haynes	
	60/283,736	4/12/01	Rhoads et al.	
	09/123,780	1/20/99	Rhoads et al.	

Foreign Patent Documents

Ex'r Initial	Number	Date	Country	Class
	19521969	2/27/97	DE.	
	0493091	7/1/92	EP.	
	0629972	12/21/94	EP.	
	1152592	11/7/01	EP.	
	1209897	5/29/02	EP.	
	2346110	8/2/00	UK	
	2346111	8/2/00	UK	
	WO00/62258	10/19/00	PCT	
	WO/0174053	10/4/01	PCT	
	WO02/25599	3/28/02	PCT	
	WO02/056264	7/18/02	PCT	
	WO02/098670	12/12/02	PCT	

Other References

Ex'r Initial	Cite
	Amano. "A Feature Calibration Method for Watermarking of Document Images". Proc. 5.sup.th Int'l Conf

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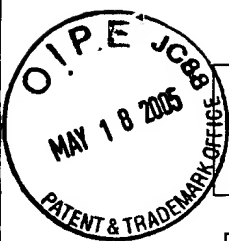| INFORMATION DISCLOSURE STATEMENT	Docket: P0392	Ser. No.: 09/938,870
	Applicant: Rodriguez et al.	
	Filed: August 23, 2001	Group: 2134

	on Document Analysis and Recognition, 1999, pp. 91-94, Bangalore, India.
	Baharav, "Watermarking of Dither Halftoned Images", SPIE vol. 3657, Jan. 1999, pp. 307-316.
	Bender et al., "Applications for Data Hiding," IBM Systems Journal, Vol. 39, Nos. 3&4, 2000, pp. 547-568.
	Bender et al., "Techniques for Data Hiding," SPIE vol. 2420, Jan. 1995, pp. 164-173.
	Berghel et al., "Protecting Ownership Rights Through Digital Watermaking," Computer, pp. 101-103, July 1996.
	Bloomberg, "Embedding Digital Data on Paper in Iconic Text," Feb. 12-13, 1997, Proc. SPIE--Int. Soc. Opt. Eng., vol. 3027, pp. 67-80.
	Brassil et al., Electronic Marking and Identification Techniques to Discourage Document Copying, Proceedings of INFOCOM '94 Conference on Computer, IEEE Commun. Soc Conference, Jun. 12-16, 1994, pp. 1278-1287
	Brassil et al., "Hiding Information in Document Images," Nov., 1995, 7 pages.
	Caronni, "Assuring Ownership Rights for Digital Images," Published in the Proceedings of `Reliable IT Systems,` VIS '95, HH. Bruggemann and W. Gerhardt-Hackl (Ed.), Vieweg Publishing Company, Germany, 1995, Jun. 14, 1994, 10 pages.
	Cox et al., "A Secure, Imperceptable Yet Perceptually Salient, Spread Spectrum Watermark for Multimedia," IEEE, Southcon/96, Conference Record, pp. 192-197, 1996.
	Dautzenberg, "Watermarking Images," Department of Microelectronics and Electrical Engineering, Trinity College Dublin, 47 pages, Oct. 1994.
	"Frequently Asked Questions About Digimarc Signature Technology, August 1, 1995, HTTP://WWW.DIGIMARC.COM, 9 pages.
	Hecht, "Embedded Data Glyph Technology for Hardcopy Digital Documents," SPIE Vol 2171, 2/94, pp. 341-352.
	Hsu et al., "DCT-Based Watermarking for Video," IEEE Transactions on Consumer Electronics, vol. 44, No. 1, Feb. 1998, pp. 206-216.
	Knox, "Digital Watermarks Using Stochastic Screens", SPIE vol. 3018, 1997, pp. 316-322.
	Koch et al., "Copyright Protection for Multimedia Data," Proc. of the International Conference on Digital Media and Electronic Publishing, Dec., 1994, Leeds, U.K., 15 pages.
	Komatsu et al., "A Proposal on Digital Watermark in Document Image Communication and Its Application to Realizing a Signature," Electronics and Communications in Japan, Part 1, vol. 73, No. 5, 1990, pp. 22-33.
	Komatsu et al., "Authentication System Using Concealed Image in Telematics," Memoirs of the School of Science & Engineering, Waseda Univ., No. 52, 1988, pp. 45-60.
	Linnartz et al., Philips Electronics' Response to Call for Proposals Issued by the Data Hiding SubGroup, Copy Protection Technical Working Group, Sept., 1997, 32 pages.
	Low, "Document Identification for Copyright Protection Using Centroid Detection", IEEE, Vol 46, No. 3, Mar. 1998, pp. 372-383.
	Matsui et al., "Embedding A Watermark to Binary Pictures in a Hardcopy System," Memoirs of the National Defense Academy (Japan) vol. 36, No. 2, pp. 13-20.
	Matsui et al., "Video-Steganography: How to Secretly Embed a Signature in a Picture," IMA Intellectual Property Project Proceedings, Jan. 1994, vol. 1, Issue 1, pp. 187-205.
	Mei, "Data Hiding in Binary Text Documents", SPIE vol. 4314, 2001, pp. 369-375.
	Nakamura et al., "A Unified Coding Method of Dithered Image and Text Data Using Micropatterns," Electronics and Communications in Japan, Part 1, vol. 72, No. 4, 1989, pp. 50-56.

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	Nakamura et al., "A Unified Coding Method of Image and Text Data Using Discrete Orthogonal Transform," Systems and Computers in Japan, vol. 21, No. 3, 1990, pp. 87-92.
	Szepanski, "A Signal Theoretic Method for Creating Forgery-Proof Documents for Automatic Verification," Proceedings 1979 Carnhan Conference on Crime Countermeasures, May 16, 1979, pp. 101-109.
	Tanaka et al., "Embedding Secret Information Into a Dithered Multi-Level Image," Proc. IEEE Military Comm. Conf., Sep. 1990, pp. 216-220.
	Tanaka, "Embedding the Attribute Information Into a Dithered Image," Systems and Computers in Japan, vol. 21, No. 7, 1990, pp. 43-50.
	Tanaka et al., "New Integrated Coding Schemes for Computer Aided Facsimile," Proc. IEEE Int'Conf. on Sys. Integration, Apr. 1990, pp. 275-281.
	Wang, "Embedding Digital Watermarks in Halftone Screens", SPIE vol. 3971, 2000, pp. 218-227.
	Wu, "Data Hiding in Digital Binary Image", IEEE, 2000, pp. 393-396.
	Zhao, "A WWW Service to Embed and Prove Digital Copyright Watermarks", Proc. Of the European Conf. on Multimedia Applications, May 1996.

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